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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
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In Re the Application of: Ger Van den Engh  
For: High Speed Flow Cytometer Droplet  
Formation System  
Serial Number: \_\_\_\_\_  
Filed: \_\_\_\_\_  
Art Unit: \_\_\_\_\_  
Examiner: \_\_\_\_\_  
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DECLARATION FOR PATENT APPLICATION

I, Ger Van den Engh, hereby declare:

I am a citizen of the Netherlands and that my residence and mailing address is 9756 49th Avenue NE, Seattle, Washington 98115.

I believe that I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled High Speed Flow Cytometer Droplet Formation System the specification of which is enclosed herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

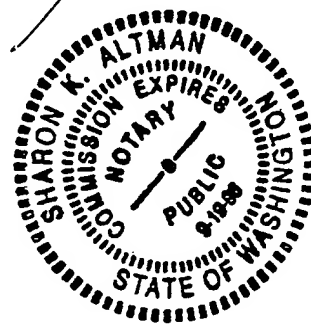
Ger Van den Engh  
Ger Van den Engh  
10/10/94

UNITED STATES OF AMERICA )  
STATE OF Washington ) ss.  
COUNTY OF King )

SUBSCRIBED AND SWORN to before me in the County of King,  
State of Washington, United States of America, by Ger Van den  
Berg, this 10 day of October, 1994.

WITNESS my hand and official seal pursuant to the authority  
vested in me as a Notary Public by the State of Washington.

Sharon K. Altman  
Notary Public  
My Commission Expires: 9-15-96



002075856960

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
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In Re the Application of: Ger Van den Engh

For: High Speed Flow Cytometer Droplet Formation System

Serial Number: \_\_\_\_\_

Filed: \_\_\_\_\_

Art Unit: \_\_\_\_\_

Examiner: \_\_\_\_\_  
-----

POWER OF ATTORNEY

The University of Washington, the assignee, whose street address is 4225 Roosevelt Way NE, Suite 301, Seattle, WA 98105, hereby appoints Luke Santangelo, whose mailing address is Santangelo Law Offices, P.C., 315 West Oak Street, Suite 701, Fort Collins, CO 80521, and whose registration number before the United States Patent and Trademark Office is 31,997, as the attorney to prosecute this application entitled "High Speed Flow Cytometer Droplet Formation System" and to transact all business in the Patent Office connected therewith.

Dated this 11 day of October, 1994.

by: Margaret Wagner Dahl  
MARGARET WAGNER DAHL, ACTING DIRECTOR  
Name and Title

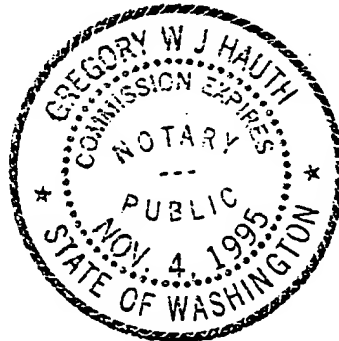
UNITED STATES OF AMERICA )  
STATE OF Washington ) ss.  
COUNTY OF King )

SUBSCRIBED AND SWORN to before me in the County of King,  
State of Washington, United States of America, by  
Margaret Wagner Oble, this 11 day of October, 1994.

WITNESS my hand and official seal pursuant to the authority  
vested in me as a Notary Public by the State of Washington.

Gregory W. Hauth  
Notary Public

My Commission Expires: Nov 4, 1995



Express Mail No.  
TB138967796US

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

In Re the Application of: Ger Van den Engh  
For: High Speed Flow Cytometer Droplet  
Formation System  
Serial Number: \_\_\_\_\_  
Filed: \_\_\_\_\_  
Art Unit: \_\_\_\_\_  
Examiner: \_\_\_\_\_

POWER OF ATTORNEY

I, Ger Van den Engh, hereby appoint Luke Santangelo, whose  
mailing address is Santangelo Law Offices, P.C., 315 West Oak  
Street, Suite 701, Fort Collins, CO 80521, and whose registration  
number before the United States Patent and Trademark office is  
31,997, as my attorney to prosecute this application entitled  
"High Speed Flow Cytometer Droplet Formation System" and to  
transact all business in the Patent Office connected therewith.

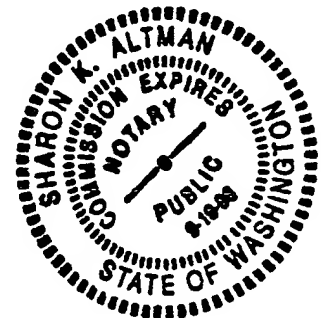
*Ger van den Engh*  
\_\_\_\_\_  
Ger Van den Engh  
10/10/94

UNITED STATES OF AMERICA )  
STATE OF Washington ) ss.  
COUNTY OF King )

SUBSCRIBED AND SWORN to before me in the County of King,  
State of Washington, United States of America, by Ger Van den  
Eng, this 10 day of October, 1994.

WITNESS my hand and official seal pursuant to the authority  
vested in me as a Notary Public by the State of Washington

Sharon K. Altman  
Notary Public  
My Commission Expires: 9-19-96





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DATE: 03/16/95  
TO:

N02B

SANTANGELO LAW OFFICES, P.C.  
LUKE SANTANGELO  
315 W. OAK STREET, #701  
FORT COLLINS, CO 80521

1c913 U.S. PTO  
09/689585  
10/12/00

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 10/10/94

VAN DEN ENGH, GER

RECORDATION DATE: 10/14/94      NUMBER OF PAGES 004      REEL/FRAME 7324/0964

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

UNIVERSITY OF WASHINGTON  
1107 NE 45TH STREET, SUITE 200  
SEATTLE, WASHINGTON 98105

SERIAL NUMBER      8-323270      FILING DATE      10/14/94  
PATENT NUMBER           ISSUE DATE      00/00/00

*Margaret LaBalle*  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

CANCELLED

Record of 10-14-94

FORM PTO-1595 (Rev. 6-93)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPT. OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Ger Van den Engh		2. Name and address of receiving party(ies)			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Name: University of Washington Internal Address:  Street Address: 1107 NE 45th Street, Suite 200  City: Seattle State: Washington Zip: 98105  Additional name(s) & address attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date(s): 10-10-94			
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: 10/10/94  A. Patent Application No.(s): 08/323,270 B. Patent No.(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Luke Santangelo  Internal Address: Santangelo Law Offices, P.C.  Street Address: 315 W. Oak Street, #701  City: Fort Collins State: Colorado Zip: 80521		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) .....\$ 40.00  <input checked="" type="checkbox"/> Enclosed (in prior filing) <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Luke Santangelo Name of Person Signing  Signature  Date 2-8-95  Total number of pages including cover sheet, attachments, and document: 148					

RECEIVED

95 FEB 27 PM 11:05  
ASSIGNMENT BRANCH

REEL 7324 FRAME 964

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademark, Box Assignments  
Washington, DC 20231



Express Mail No.  
TB138967796US

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
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In Re the Application of:      Ger Van den Engh  
For:                              High Speed Flow Cytometer Droplet  
   Formation System  
  
Serial Number:                              \_\_\_\_\_  
Filed:    \_\_\_\_\_  
Art Unit:    \_\_\_\_\_  
Examiner:    \_\_\_\_\_  
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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT is made the 10th day of October, 1994, between and among Ger Van den Engh whose address is 9756 49th Avenue NE, Seattle, Washington 98115, (the "Inventor"), and The University of Washington, a State of Washington non-profit entity having its principal office at 1107 NE 45th Street, Suite 200, Seattle Washington 98105 (the "Assignee").

WHEREAS, the Inventor is applying for the issuance of United States Letters Patent for an invention entitled "High Speed Flow Cytometer Droplet Formation System" (the "Invention"); and

WHEREAS, the Inventor and Assignee desire to formalize the assignment of the Inventor's entire right, title and interest in and to the Invention including but not limited to all rights to make, use, and sell the subject of the Application dated by

REEL 7324 FRAM 966

execution of the oath on October 10th 1994 for its entire remaining term;

NOW, THEREFORE, the parties hereby agree as follows:

The Inventor, for good and valuable consideration, hereby grants and assigns to the Assignee his entire right, title, and interest in the Invention, including but not limited to all rights to make, use, and sell the invention, and to file for foreign patents based upon the application for patent currently pending or any continuations thereof to The University of Washington.

This assignment shall be binding on all parties, their heirs, successors, and assigns, and may be recorded in the United States Patent and Trademark Office.

Ger van den Engh  
Ger Van den Engh  
10/10/94

UNITED STATES OF AMERICA )  
STATE OF Washington ) ss.  
COUNTY OF King )

SUBSCRIBED AND SWORN to before me in the County of King, State of Washington, United States of America, by Ger Van den Engh, this 10 day of October, 1994.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Washington.

RECORDED  
PATENT AND TRADEMARK OFFICE

OCT 14 94

Sharon K. Altman  
Notary Public  
My Commission Expires: 9-19-96

\\cytomation\muzzle1\assign



REEL 1324 FRAME 967

Express Mail No.  
TB138967796US

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
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In Re the Application of: Ger Van den Engh

For: High Speed Flow Cytometer Droplet Formation System

Serial Number: \_\_\_\_\_

Filed: \_\_\_\_\_

Art Unit: \_\_\_\_\_

Examiner: \_\_\_\_\_  
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POWER OF ATTORNEY

Cytomation, Inc., the assignee, whose street address is 400 East Horsetooth Road, #100, Fort Collins, CO 80525, hereby appoints Luke Santangelo, whose mailing address is Santangelo Law Offices, P.C., 315 West Oak Street, Suite 701, Fort Collins, CO 80521, and whose registration number before the United States Patent and Trademark Office is 31,997, as its attorney to prosecute this application entitled "High Speed Flow Cytometer Droplet Formation System" and to transact all business in the Patent Office connected therewith.

Dated this 11 day of October, 1994.

by: \_\_\_\_\_

Nigel M. Ferrey, President

UNITED STATES OF AMERICA )  
STATE OF Colorado ) ss.  
COUNTY OF Maricopa )

SUBSCRIBED AND SWORN to before me in the County of Maricopa,  
State of Colorado, United States of America, by Nigel M.  
Farrey, this 12th day of October, 1994.

WITNESS my hand and official seal pursuant to the authority  
vested in me as a Notary Public by the State of Colorado.

Barbara D. Zuni

Notary Public

My Commission Expires: My Commission Expires 8-15-95

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

In Re the Application of: Ger Van den Engh

Serial Number: Original: 08/323,270 New: \_\_\_\_\_  
Parent (CPA): 08/627,963

Filed: Original: October 14, 1994 New: \_\_\_\_\_  
Parent (CPA): September 8, 1997

For: Flow Cytometer Droplet Formation System

[Old Title: High Speed Flow Cytometer Droplet Formation System]

Group Art Unit: Original: 1809 New: \_\_\_\_\_  
Parent: 1743

Examiner: Original: J. Housel New: \_\_\_\_\_  
Parent: J. Ludlow

Assignee: University of Washington

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**DIVISIONAL COVER SHEET\***

**FOR**

**COPY OF ORIGINAL APPLICATION POWER OF ATTORNEY FROM GER VAN  
DEN ENGH AND CORRESPONDENCE ADDRESS CHANGE**

- \* This Divisional Cover Sheet is provided for the convenience of Patent Office personnel, to indicate the new caption and title and thus minimize the risk of loss in the event documents are separated from the file.

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

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IN THE UNITED STATES PATENT AND  
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Assignee: University of Washington

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**DIVISIONAL COVER SHEET\***

**FOR**

**COPY OF ORIGINAL APPLICATION POWER OF ATTORNEY FROM  
UNIVERSITY OF WASHINGTON AND CORRESPONDENCE ADDRESS CHANGE**

- \* This Divisional Cover Sheet is provided for the convenience of Patent Office personnel, to indicate the new caption and title and thus minimize the risk of loss in the event documents are separated from the file.

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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Examiner: Original: J. Housel New: \_\_\_\_\_  
Parent: J. Ludlow

Assignee: University of Washington

**CERTIFICATE OF EXPRESS MAILING**

I, Shannon Nation-Kammerer, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached copy of the original application Power of Attorney from University of Washington and attached to it the Correspondence Address Change pursuant to Rule 1.63(d)(4) with the newly attached cover sheet with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated this 12 day of October, 2000.

  
\_\_\_\_\_  
Shannon Nation-Kammerer

002101 53558950



Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**  
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In Re the Application of:      Ger Van den Engh

Serial Number:                      Original:      08/323,270                      New: \_\_\_\_\_  
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   [Old Title: High Speed Flow Cytometer Droplet Formation System]

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   Parent:              1743

Examiner:                                      Original:      J. Housel                                      New: \_\_\_\_\_  
   Parent:              J. Ludlow

Assignee:                                      University of Washington

-----  
**DIVISIONAL COVER SHEET\***

**FOR**

**COPY OF ORIGINAL APPLICATION POWER OF ATTORNEY FROM  
CYTOMATION, INC. AND CORRESPONDENCE ADDRESS CHANGE**

- \*      This Divisional Cover Sheet is provided for the convenience of Patent Office personnel, to indicate the new caption and title and thus minimize the risk of loss in the event documents are separated from the file.

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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Serial Number: Original: 08/323,270 New: \_\_\_\_\_  
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Parent: J. Ludlow

Assignee: University of Washington

**CERTIFICATE OF EXPRESS MAILING**

I, Shannon Nation-Kammerer, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached copy of the original application Power of Attorney from Cytomation, Inc. and attached to it the Correspondence Address Change pursuant to Rule 1.63(d)(4) with the newly attached cover sheet with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated this 12 day of October, 2000.

Shannon M. Nation-Kammerer

002201 5858960

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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IN THE UNITED STATES PATENT AND  
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1c913 U.S. PTO  
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Parent: J. Ludlow

Assignee: University of Washington

**DIVISIONAL COVER SHEET\***

**FOR**

**COPY OF ORIGINAL APPLICATION ASSIGNMENT OF PATENT RIGHTS,  
INCLUDING THE NOTICE OF RECORDATION AND RECORDING COVER SHEET,  
RECORDED ON OCTOBER 14, 1994 TO UNIVERSITY OF WASHINGTON,  
RECORDED AT REEL/FRAAME: 7324/0964**

- \* This Divisional Cover Sheet is provided for the convenience of Patent Office personnel, to indicate the new caption and title and thus minimize the risk of loss in the event documents are separated from the file.

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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Parent: J. Ludlow

Assignee: University of Washington

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**CERTIFICATE OF EXPRESS MAILING**

I, Shannon Nation-Kammerer, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited a copy of the assignment of patent rights filed in the original application, including the notice of recordation and recording cover sheet, recorded on October 14, 1994 to University of Washington, recorded at reel/frame: 7324/0964 pursuant to 37 C.F.R. §3.21 and MPEP §306 with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated this 12 day of October, 2000.

  
Shannon N. Nation-Kammerer

Express Mail No: EL696071020US  
Attorney Docket: Cyto-Nozzle-Div

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Assignee: University of Washington

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1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached newly executed Associate Power of Attorney under 37 C.F.R. §1.34(b) with the United States Postal Service as "Express Mail" for mailing to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated this 12 day of October, 2000.

Shannon N. Nation-Kammerer

002101 5856960

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Parent: 1743

Examiner: Original: J. Housel New: \_\_\_\_\_  
Parent: J. Ludlow

Assignee: University of Washington

**ASSOCIATE POWER OF ATTORNEY UNDER 37 C.F.R. §1.34(b)**

I, Luke Santangelo, USPTO Registration Number 31,997, as principal attorney in the above-identified application for Letters Patent, hereby appoint:

Craig R. Miles USPTO Reg. No. 45,954  
Chad C. Soliz USPTO Reg. No. 47,101

as associate attorneys with full power.

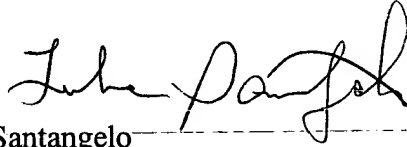
Please further note the current correspondence address for the above mentioned attorneys is:  
Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521.

Dated this 12<sup>th</sup> day of October, 2000.

002107 5358960

Respectfully Submitted,

SANTANGELO LAW OFFICES, P.C.



---

Luke Santangelo  
ATTORNEY FOR APPLICANT  
PTO No. 31,997  
125 South Howes, Third Floor  
Fort Collins, Colorado 80521  
(970) 224-3100

002101 58558960